



# Get aggregates

## Cloud Manager Automation

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# Get aggregates

You can retrieve a list of available disk aggregates.

## 1. Select the working environment to use

Perform the workflow [Get working environments](#) and choose the `publicId` value for the working environment used in the `workingEnvironmentId` path parameter.

## 2. Get the list of aggregates

HTTP method	Path
GET	/occm/api/vsa/aggregates/{workingEnvironmentId}

### curl example

```
curl --location --request GET
'https://cloudmanager.cloud.netapp.com/occm/api/vsa/aggregates/<WORKING_EN
V_ID>' --header 'Content-Type: application/json' --header 'x-agent-id:
<AGENT_ID>' --header 'Authorization: Bearer <ACCESS_TOKEN>'
```

### Input

Path parameter `<WORKING_ENV_ID>` (`workingEnvironmentId`)

### Output

An array of aggregates for the indicated working environment is returned as shown in the JSON output example.

### JSON output example

```
[
  {
    "name": "aggr1",
    "availableCapacity": {
      "size": 87.55,
      "unit": "GB"
    },
    "totalCapacity": {
      "size": 88.57,
      "unit": "GB"
    },
    "usedCapacity": {
      "size": 1.02,
      "unit": "GB"
    },
    "volumes": [
      {
```

```

    "name": "svm_ziv01we01_root",
    "totalSize": {
      "size": 1.0,
      "unit": "GB"
    },
    "usedSize": {
      "size": 0.00115203857421875,
      "unit": "GB"
    },
    "thinProvisioned": false,
    "isClone": false,
    "rootVolume": true
  }
],
"providerVolumes": [
  {
    "id": "vol-066fea889cbc6a65c",
    "name": "vol-066fea889cbc6a65c",
    "size": {
      "size": 100.0,
      "unit": "GB"
    },
    "state": "in-use",
    "device": "/dev/xvdg",
    "instanceId": "i-0fa9a2879e67a8829",
    "diskType": "gp2",
    "encrypted": true,
    "iops": null
  }
],
"disks": [
  {
    "name": "NET-1.3",
    "position": "data",
    "ownerNode": "ziv01we01-01",
    "device": "xvdg vol066fea889cbc6a65c",
    "vmDiskProperties": null
  }
],
"state": "online",
"encryptionType": "cloudEncrypted",
"encryptionKeyId": null,
"isRoot": false,
"homeNode": "ziv01we01-01",
"ownerNode": "ziv01we01-01",
"capacityTier": null,

```

```
"capacityTierUsed": null,  
"sidlEnabled": true,  
"snaplockType": "non_snaplock"  
}  
]
```

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